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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/691,603	10/18/2000	David F. Bologna	COMP:0165 P00-3084	3208

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HEWLETT-PACKARD COMPANY
INTELLECTUAL PROPERTY ADMINISTRATION
P.O. BOX 272400
FT. COLLINS, CO 80527-2400

EXAMINER

DUONG, HUNG V

ART UNIT PAPER NUMBER

2835

DATE MAILED: 12/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/691,603	Applicant(s) BOLOGNIA ET AL.	
	Examiner Hung v Duong	Art Unit 2835	

-- Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on ____.

2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) 10-13, 15, 16, 22, 25-28 and 30-48 is/are pending in the application.

4a) Of the above claim(s) ____ is/are withdrawn from consideration.

5) ☐ Claim(s) ____ is/are allowed.

6) ☒ Claim(s) 10-13, 15, 16, 22, 25-28, and 30-48 is/are rejected.

7) ☐ Claim(s) ____ is/are objected to.

8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.

13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
 a) ☐ The translation of the foreign language provisional application has been received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). ____
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____	6) <input type="checkbox"/> Other: ____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 10-13, 15-16, 22, 25-28, 30, and 31-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gill et al (US Pat. 5,388,032).

Regarding claims 10-13, 15-16, 22, 25-28, 30, and 31-48, Gill et al. teach a retractable module system 120, comprising: a processor-based device 114; a mounting structure 106 physically coupled to the processor-based device 114; a display assembly 104; and a pivot assembly 130 configured to pivotably couple the display assembly 104 to the mounting structure 106, wherein the pivot assembly 130 is slidably engaged with at least one of the mounting structure 106 and display assembly 104 such that the display assembly 104 is positionable between a retracted position and a display position. (see, for example Figs. 2 and 1). A spring 178 coupled to the pivot assembly 130 and configured to bias the display assembly 104 to the retracted position wherein the display assembly 104 comprises a liquid crystal display (LCD) module wherein the display assembly 104 is configured to provide information pertaining to the processor-based device 114(see, for example, Figs. 5 and 7) to which the LCD module is pivotally attached. The outer guide housing is located in a horizontal plane generally perpendicular to the vertical front of the computer system. Gill et al. lacks the teaching

of the computer system specifically being a server, however discloses a monitoring system for a plurality of computers. A server is by definition "a computer running administrative software that controls access to the network and its resources" Microsoft Press Computer Dictionary. The monitoring system including a cabinet or chassis with multiple computers being controlled therein operates in a similar fashion to a server controlling access to a network. It would have been obvious to one of ordinary skill in the art to provide a retractable LCD module in a server as taught by the computer monitoring system of Gill et al. to provide visual output from the server and to save space for storing the display module. With respect to the method claims the display module of Gill et al. inherently conserves space in the structure as claimed. With respect to the floppy drive and CD drive assemblies, it is noted that these are conventional components of computer systems. As seen in Fig. 12 of Gill et al. the display monitor is pivoted to an open position, which blocks the front of computer 340. It would have been obvious to one of ordinary skill in the art for the computer 340 of Gill et al. to contain a floppy drive or CD drive as being conventional computer components. Any components located within computer 340 would be blocked by the display module of Gill et al. as seen in the open position. In the retracted position the LCD module of Gill et al. is horizontal and thus perpendicular to the front of the housing.

Response to Amendment

3. Applicant's arguments with respect to claims 1-16, 20-30 dated 9/08/2003, in pages 10-15 that "The Gill reference does not disclose a pivot assembly that is slidably engaged with another structure". However, Gill clearly showed in figure 4 that the

display housing 130 is a pivot assembly that is slidably engaged with the equipment rack 160.

Conclusion

4. Applicant's arguments with respect to claims 10-13, 15-16, 22, 25-28, 30, and 31-48 with addition limitation have been considered but are moot in view of the previous of rejection.

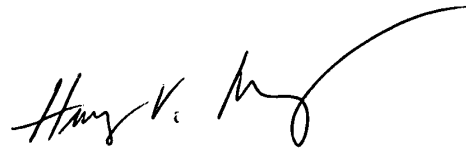
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Duong whose telephone number is (703) 308-4889. The examiner can normally be reached on M-F from 8:30 to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg, can be reached on (703) 308-4815. The fax phone number for this Group is (703) 308- 7722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

HVD

12/05/03.

A handwritten signature in black ink, appearing to read 'Hung V. Duong', with a long, sweeping horizontal line extending to the right.

Hung Duong
Patent Examiner.